

5      **CMOS IMAGE SENSOR USING HIGH FRAME RATE WITH FRAME ADDITION  
AND MOVEMENT COMPENSATION**

Abstract

10      A method of forming a composite image using a CMOS image sensor. The method  
comprises capturing a plurality of frames using the image sensor, identifying a reference point in  
each of the frames, and aligning the frames using the reference point. Finally, the frames are  
combines, such as be an arithmetic addition, into the composite image.